



#<sup>RS</sup> 2644  
6  
9-10-02 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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*Christine Sherwood*  
Signature

Applicant : Wilf Le Blanc et al.  
Application No. : 09/697,777  
Filed : October 26, 2000  
Title : VOICE AND DATA EXCHANGE OVER A PACKET  
BASED NETWORK WITH COMFORT NOISE  
GENERATION  
Grp./Div. : 2644  
Examiner : To be Assigned  
Docket No. : 39542/PAN/B600

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INFORMATION DISCLOSURE STATEMENT  
37 CFR § 1.97(b)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
August 21, 2002

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By *Parker*

Peter A. Nichols  
Reg. No. 47,822  
626/795-9900

PAN/cks  
Enclosures: PTO/SB/08A/B, w/98 references  
Attachment to IDS

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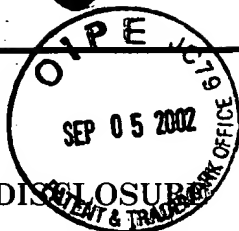
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ATTACHMENT TO  
INFORMATION DISCLOSURE STATEMENT  
OF U.S. PATENT APPLICATIONS TO BE CONSIDERED BY THE EXAMINER  
**BUT NOT TO BE PRINTED ON THE PATENT**

The following commonly owned, co-pending patent applications contain similar subject matter as the present application.

PENDING APPLICATIONS		
U.S. Serial No.	Filing Date	First Named Inventor(s)
09/639,527	August 16, 2000	Jordan James Nicol
09/493,458	January 28, 2000	Henry Li
09/643,920	August 23, 2000	Onur Tackin et al.
09/692,554	October 19, 2000	Wilf Le Blanc et al.
09/644,586	August 23, 2000	Henry Li
09/643,921	August 23, 2000	Wilf Le Blanc et al.
09/653,261	August 31, 2000	Onur Tackin et al.
09/654,376	September 1, 2000	Onur Tackin
09/533,022	March 22, 2000	Wilf Le Blanc et al.
09/651,006	August 29, 2000	Kenny C. Kwan
09/522,184	March 9, 2000	Henry Li et al.
EXAMINER		DATE CONSIDERED

FORM PTO/SB/08A/B (10-01)  
Substitute for PTO-1449A/B



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Attorney Docket Number	39542/PAN/B600
Application Number	09/697,777
Filing Date	October 26, 2000
Applicant(s)	Wilf Le Blanc et al.
Group Art Unit	2644
Examiner Name	To be Assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		4,285,060	08-18-1981	Cobb et al.
		4,617,676	10-14-1986	Jayant et al.
		5,119,322	06-02-1992	Stroobach
		5,329,587	07-12-1994	Morgan et al.
		5,339,384	08-16-1994	Chen
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		5,793,498	08-11-1998	Scholl et al.
		5,818,929	10-06-1998	Yaguchi
		5,852,630	12-22-1998	Langberg et al.

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Applicant(s) Wilf Le Blanc et al.

Group Art Unit 2644

Examiner Name To be Assigned

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		5,859,671	01-12-1999	Kim
		5,970,441	10-19-1999	Mekuria
		5,987,061	11-16-1999	Chen
		6,023,470	02-08-2000	Lee et al.
		6,028,679	02-22-2000	Murphy
		6,125,177	09-26-2000	Whittaker
		6,141,341	10-31-2000	Jones et al.
		6,151,636	11-21-2000	Schuster et al.
		6,233,226 B1	05-15-2001	Gringeri et al.
		6,259,677 B1	07-10-2001	Jain

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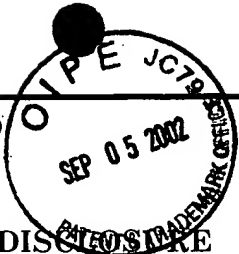
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
		WO 97/26753 A1	07-24-1997	I-Link Worldwide, Inc.	
		WO 97/28628 A1	08-07-1997	Labs of Advanced Technologies International Corporation	

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<b>Group Art Unit</b>	<b>2644</b>
<b>Examiner Name</b>	<b>To be Assigned</b>

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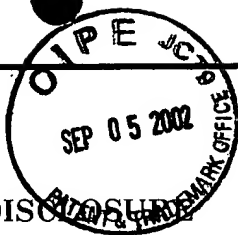
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		R. W. LUCKY, <i>QAM Receiver I. General Description of Complete Receiver Block Diagram and Details of the Symbol Clock Recovery and Other Front-End Subsystems</i> , Applications of Communications Theory, Chapter 13, pages 127-135, Bellcore
		R. W. LUCKY, <i>QAM Receiver II. The Passband Adaptive Equalizer and Carrier Recovery System</i> , Applications of Communications Theory, Chapter 14, Pages 137-151, Bellcore
		EDWARD A. LEE et al., <i>Adaptive Equalization</i> , Digital Communication, Chapter 9, pages 371-402
		EDWARD A. LEE et al., <i>Timing Recovery</i> , Digital Communication, Chapter 15, Pages 560-582
		WILLIAM WEBB et al., <i>Basic Equaliser Techniques</i> , Modern Quadrature Amplitude Modulation, Principles and Applications for Fixed and Wireless Communications, IEEE Press, New York, Chapter 7, Pages 197-211
		MIKE GRAY, <i>FAX Technology Tutorial and Testing Issues</i> , Agilent Technologies, © 2000, pages 1-20
		<i>FAX Over IP Opportunities and Options</i> , Natural MicroSystems, 7 sheets
		EIA/TIA-464-B, Requirements for Private Branch Exchange (PBX) Switching Equipment, "6 Signaling Requirements, 6.1 Network Signaling - Analog," pages 140-146
		MAN MOHAN SONDHAI et al., <i>Silencing Echoes on the Telephone Network</i> , Proceedings of the IEEE, © August 1980, Vol. 68, No. 8, pages 948-963
		JOHN G. PROAKIS, <i>Digital Signaling Over a Channel With Intersymbol Interference</i> , Digital Communications, ISBN 0-07-05097-1, © 1983, Pages 357-381, McGraw-Hill, Inc.
		BELL COMMUNICATIONS RESEARCH, <i>Dual-Tone Multifrequency Receiver Generic Requirements for End-to-End Signaling Over Tandem-Switched Voice Links</i> , © March 1987, Technical Reference TR-TSY-000181 Issue 1, 11 sheets
		BELL COMMUNICATIONS RESEARCH, <i>Impulse Noise Tape No. 201</i> , Technical Reference TR-TSY-000762 Issue 1, © July 1987, 4 sheets

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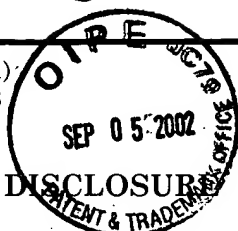
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		BELL COMMUNICATIONS RESEARCH, <i>Digit Simulation Test Tape</i> , Technical Reference TR-TSY-000763 Issue 1, © July 1987, 6 sheets
		JOHN A.C. BINGHAM, <i>Timing Recovery</i> , The Theory and Practice of Modem Design, © 1988, Chapter 7, pages 189-236, John Wiley & Sons, Inc.
		JOHN A.C. BINGHAM, <i>Linear Adaptive Equalizers</i> , The Theory and Practice of Modem Design, © 1988, Chapter 8, pages 237-252, John Wiley & Sons, Inc.
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, Terminal Equipments, <i>Pulse Code Modulation (PCM) of Voice Frequencies</i> , ITU-T Recommendation, G. 711; © ITU1988, 1993; 8 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Transmission Systems and Media, Apparatus Associated With Long-Distance Telephone Circuits and Other Terminal Equipments, <i>Echo Suppressors</i> , ITU-T Recommendation, G. 164; © ITU 1988, 1993; 36 sheets
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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Recommendations On Telephone Switching and Signalling, International Automatic and Semi-Automatic Working, <i>Technical Features of Push-Button Telephone Sets</i> , ITU-T Recommendation; Q 23; © ITU 1988, 1993, 4 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Recommendations on Telephone Switching and Signalling, International Automatic and Semi-Automatic Working, <i>Multifrequency Push-button Signal Reception</i> , ITU-T Recommendation, Q. 24, © ITU 1988, 1993, 7 sheets

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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Data Communication Over the Telephone Network, <i>300 Bits Per Second Duplex Modem Standardized For Use in The General Switched Telephone Network</i> , ITU-T Recommendation V. 21; © ITU 1988, 1993; 7 sheets
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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Data Communication Over the Telephone Network, <i>9600 Bits Per Second Modem Standardized For Use On Point-To-Point 4-Wire Leased Telephone-Type Circuits</i> , ITU-T Recommendation, V. 29, © ITU 1988, 1993, 17 sheets
		FUYUN LING et al., <i>Convergence and Steady-State Behavior of a Phase-Splitting Fractionally Spaced Equalizer</i> , IEEE Transactions on Communications, © April 4, 1990, Vol. 38, No. 4, pages 418-425, IEEE
		PAUL FISCHER, <i>State Machines In C</i> , The C Users Journal, December 1990, pages 119-122

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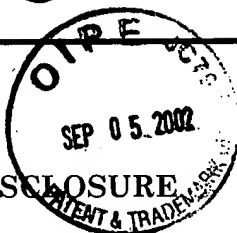
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		INTERNATIONAL TELECOMMUNICATION UNION, Data Communication Over The Telephone Network, <i>A Duplex Modem Operating At Data Signalling Rates Of Up To 14 400 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits</i> , ITU-T Recommendation V. 32 bis; © ITU 1991, 24 sheets
		DENNIS R. MORGAN et al., AT & T Bell Laboratories; <i>A Multi-Tone Pseudo-Cascade Filtered-X LMS Adaptive Notch Filter</i> , Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing, ICASSP 91, Vol. 3 D, May 1991, Toronto, Ontario, Canada, pages 2093-2096

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		PANOS E. PAPAMICHALIS, Texas Instruments, Inc., <i>Practical Approaches to Speech Coding</i> , Prentice-Hall, Inc., Englewood Cliffs, New Jersey; 1992, pages 163-167
		JAMES THI et al., AT & T Bell Laboratories; <i>A Broadband Pseudo-Cascade Active Control System</i> , Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing; © 1992 IEEE; pp. II-233-II-236
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		DENNIS R. MORGAN et al., AT & T Bell Laboratories, <i>A Multitone Pseudocascade Filtered-X LMS Adaptive Notch Filter</i> , IEEE Transactions on Signal Processing, Vol. 41, No. 2; © February 1993; pages 946-956
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Substitute for PTO-1449A/B



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Attorney Docket Number** 39542/PAN/B600

**Application Number** 09/697,777

**Filing Date** October 26, 2000

**Applicant(s)** Wilf Le Blanc et al.

**Group Art Unit** 2644

**Examiner Name**

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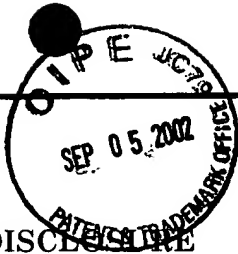
**OTHER DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU; Data Communication Over The Telephone Network, A Modem Operating At Data Signalling Rates Of Up To 28 800 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits, ITU-T Recommendation V.34; © ITU 1994; 43 sheets
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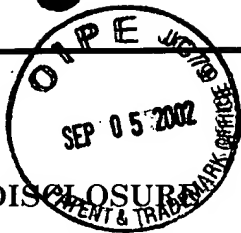
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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T- Telecommunication Standardization Sector of ITU, Series T: Terminal Equipments and Protocols for Telematic Services, <i>Procedures for Document Facsimile Transmission in the General Switched Telephone Network</i> , ITU-T Recommendation T. 30; © ITU 1997; 74 sheets
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		Internet Papers: SCHULZRINNE, "RTP Profile for Audio and Video Conferences with Minimal Control," Internet Engineering Task Force, Internet Draft; <a href="http://hegel.ittc.ukans.edu/topics/internet/internet-drafts/draft-i/draft-ietf-avt-profile-new-C.">http://hegel.ittc.ukans.edu/topics/internet/internet-drafts/draft-i/draft-ietf-avt-profile-new-C.</a> ; November 20, 1997; pages 1-29
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**Group Art Unit** 2644

**Examiner Name** To be Assigned

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		EDWARD B. MORGAN, Fax Over Packet; Telogy Networks, Inc., Germantown, Maryland; © 1998; pages 1-12
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series V: Data Communication Over The Telephone Network, <i>A Modem Operating at Data Signalling Rates of up to 33 600 bit/s for Use on the General Switched Telephone Network and on Leased Point-to-Point 2-Wire Telephone-Type Circuits</i> ; ITU-T Recommendation V. 34; © ITU 1998; 78 sheets
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		FRAME RELAY FORUM TECHNICAL COMMITTEE, <i>Voice over Frame Relay Implementation Agreement</i> ; © 1998; 54 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series I: Integrated Services Digital Network, Overall Network Aspects and Functions - Protocol Layer Requirements, <i>AAL Type 2 Service Specific Convergence Sublayer For Trunking</i> ; ITU-T Recommendation I.366.2; © ITU 1999; 96 sheets

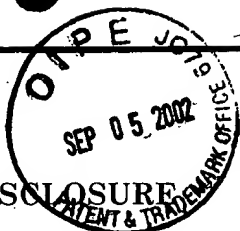
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Application Number	09/697,777
Filing Date	October 26, 2000
Applicant(s)	Wilf Le Blanc et al.
Group Art Unit	2644
Examiner Name	To be Assigned

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		Internet Papers: SCHULZRINNE et al.; <i>RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals</i> ; Network Working Group Request for Comments: 2833; © The Internet Society 2000; 31 sheets
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